

History

The principal operations at Fort Carson have been repair and maintenance of vehicles and aircraft.

Motor Pools: Approximately 20 maintenance facilities (motor pools) have been constructed throughout the installation, including the Consolidated Maintenance Facility (Building 8000) where specialized repair for tactical and heavy construction and engineering equipment is done.

Underground Storage Tanks (USTs) and Above Ground Storage Tanks (ASTs): From the 1960s to the mid-1990s, more than 300 underground and above ground storage tanks were installed to store a variety of fuels (gasoline, JP-4, JP-8, kerosene, diesel) and used/waste oils. More than 150 USTs have been removed and 36 have been upgraded to comply with the [State](#) and [EPA](#) standards.

Investigations

In July 1992, EPA conducted a RCRA Facility Assessment at Fort Carson, which revealed low levels of polychlorinated biphenyls (PCBs), trichloroethylene (TCE), 1,1,1 trichloroethane (TCA), heavy metals, petroleum hydrocarbons and several other substances in soil and groundwater. The results of these investigations prompted an installation-wide groundwater monitoring program. The Facility Assessment was completed in May 1994, and the Colorado Department of Public Health and Environment augmented the Facility Assessment in September 1994.

On October 29, 1995, the State issued RCRA Hazardous Waste Permit No. CO-95-09-29-03, which governs Fort Carson's Corrective Action Program. The permit was renewed in 2006 and the current permit number is CO-06-09-29-01. The permit identified 162 Solid Waste Management Units (SWMUs) that needed to be addressed. Since the original permit was issued, eight additional Solid Waste Management Units have been added under the permit. A Solid Waste Management Unit is defined under RCRA as any discernible unit at which solid wastes have been placed at any time, regardless of whether the unit was intended for the management of solid or hazardous waste.

Types of Solid Waste Management Units at Fort Carson include:

- Landfills
- Active sewage treatment plant
- Former open dumping area
- Golf course sludge spreading area
- Washracks
- Open detonation area
- Satellite accumulation areas
- Underground storage tank sites
- Active industrial wastewater treatment plant
- Former sewage treatment lagoons
- Former equalization basin
- Golf course holding pond
- Former underground storage tanks sites

- Open burn area
- Hazardous waste storage areas
- Sewer system

Contaminants of Concern

- Organics
 - solvents
 - petroleum hydrocarbons
 - others
- Explosives
 - TNT
 - RDX
 - others
- Inorganics
 - metals
 - nitrates
 - others

Media of Concern

- Soil
- Groundwater
- Surface water
- Sediment
- Indoor air